

Title (en)

Solar cell panel end-sealing composition, solar cell panel end-sealing sheet, and solar cell panel

Title (de)

Solarzellentafelendabdichtungszusammensetzung, Solarzellentafelendabdichtungsfolie und Solarzellentafel

Title (fr)

Composition de scellage du panneau de cellule solaire, feuille de scellage du panneau de cellule solaire et panneau de cellule solaire

Publication

EP 2787540 A1 20141008 (EN)

Application

EP 14163168 A 20140402

Priority

JP 2013079856 A 20130405

Abstract (en)

A solar cell panel end-sealing composition contains a butyl rubber, a polyolefin resin having a silyl group, and a catalyst. The catalyst is at least one of a metal oxide, a metal hydroxide, and a metal complex of a transition element and the solar cell panel end-sealing composition has a flow viscosity at 140°C of 500 Pa·s or more and 8000 Pa·s or less.

IPC 8 full level

H01L 31/048 (2014.01)

CPC (source: EP US)

H01L 31/0481 (2013.01 - EP US); **Y02E 10/50** (2013.01 - EP US)

Citation (applicant)

JP 2011231309 A 20111117 - NITTO DENKO CORP

Citation (search report)

- [A] JP 2012243853 A 20121210 - YOKOHAMA RUBBER CO LTD
- [A] DE 19821355 A1 19991118 - METALLGESELLSCHAFT AG [DE]
- [A] WO 2011096986 A1 20110811 - ADCO PRODUCTS INC [US], et al
- [A] WO 9748778 A1 19971224 - HENKEL TEROSON GMBH [DE], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2787540 A1 20141008; CN 104099040 A 20141015; JP 2014212313 A 20141113; US 2014299188 A1 20141009

DOCDB simple family (application)

EP 14163168 A 20140402; CN 201410132969 A 20140403; JP 2014075575 A 20140401; US 201414243233 A 20140402